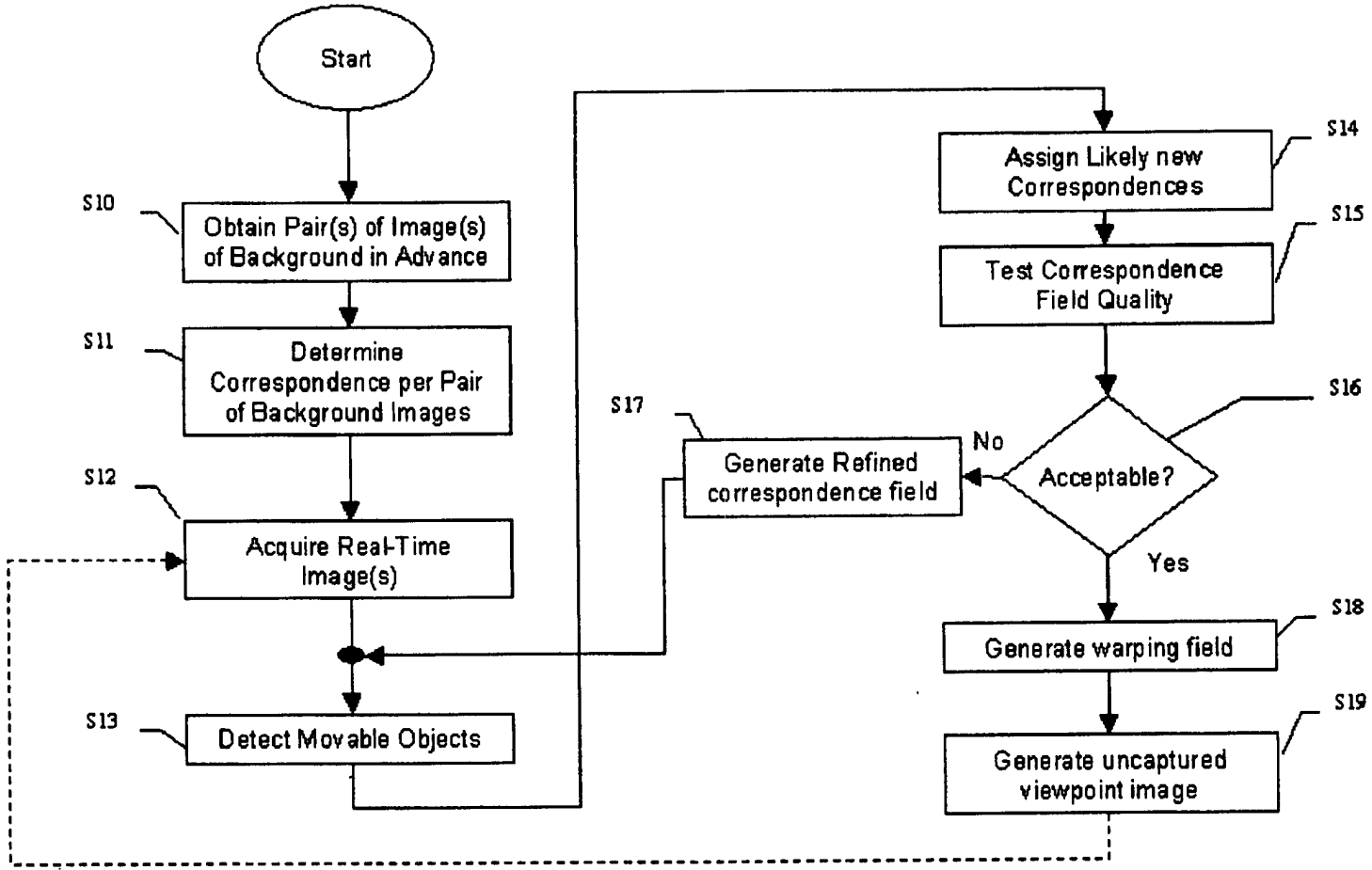
Start
S10
Obtain Pair(s) of Image(s) of Background in Advance
S11
Determine Correspondence per Pair of Background Images
S12
Acquire Real-Time Image(s)
S13
Detect Movable Objects
S14
Assign Likely new Correspondences
S15
Test Correspondence Field Quality
S16
Acceptable?
No
S17
Generate Refined correspondence field
Yes
S18
Generate warping field
S19
Generate uncaptured viewpoint image

Figure 1

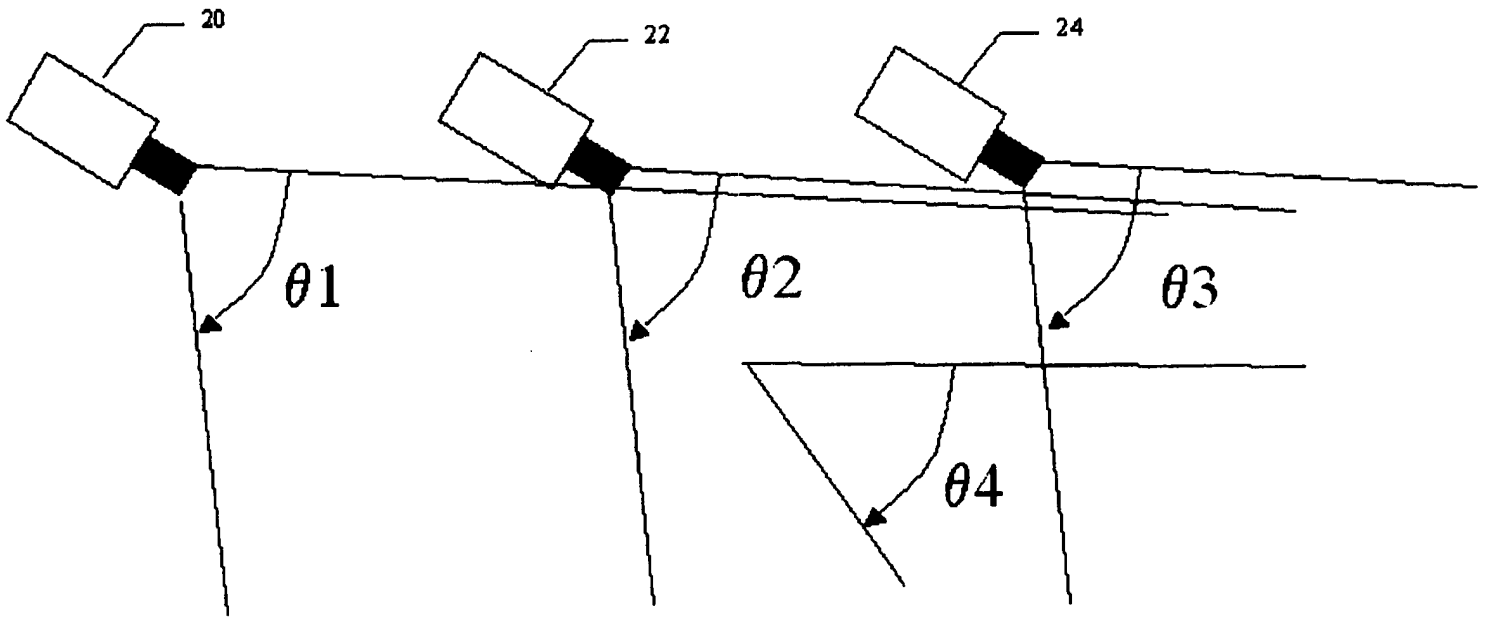

Figure 2

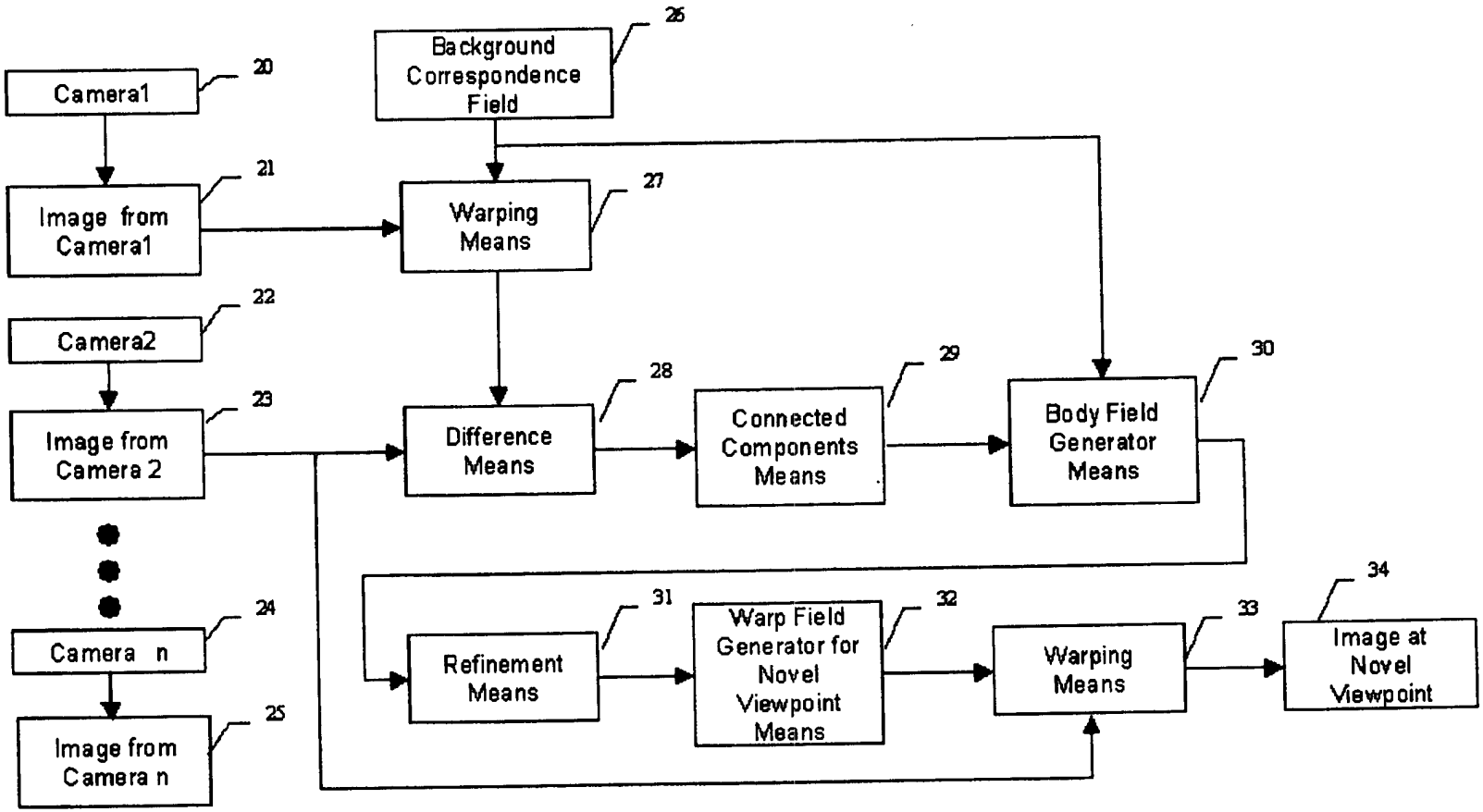
Camera1
20
Background Correspondence Field
26
Image from Camera1
21
Warping Means
27
Camera2
22
Image from Camera 2
23
Difference Means
28
Connected Components Means
29
Body Field Generator Means
30
Camera n
24
Image from Camera n
25
Refinement Means
31
Warp Field Generator for Novel Viewpoint Means
32
Warping Means
33
Image at Novel Viewpoint
34

Figure 3

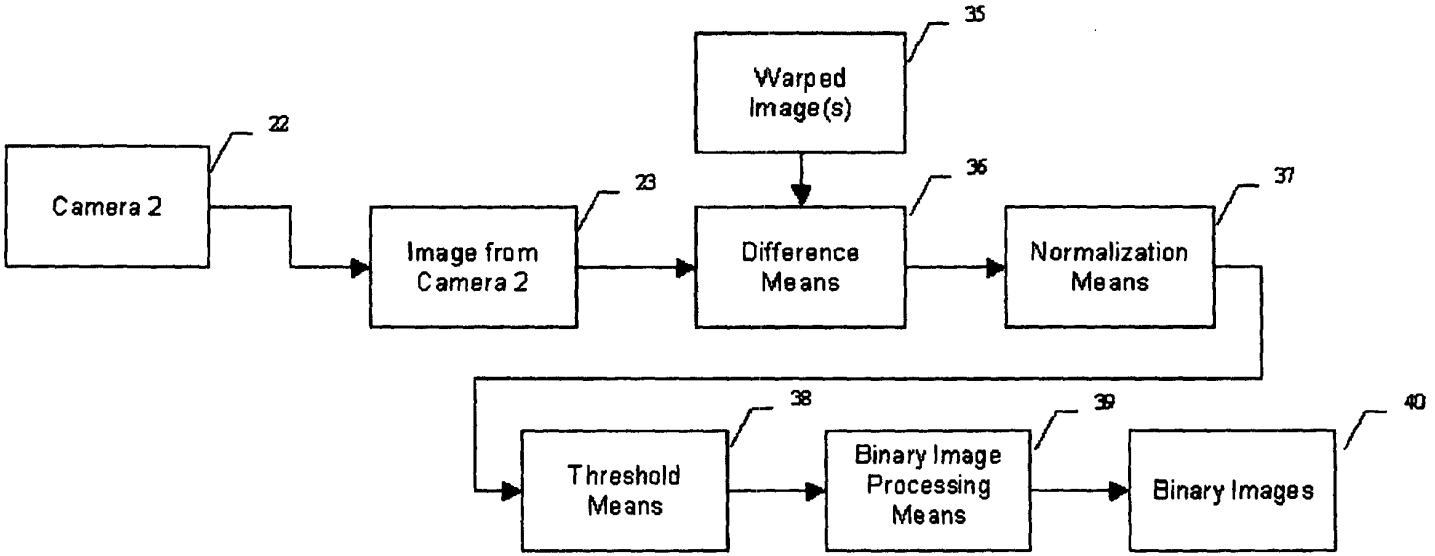

Figure 4 Difference

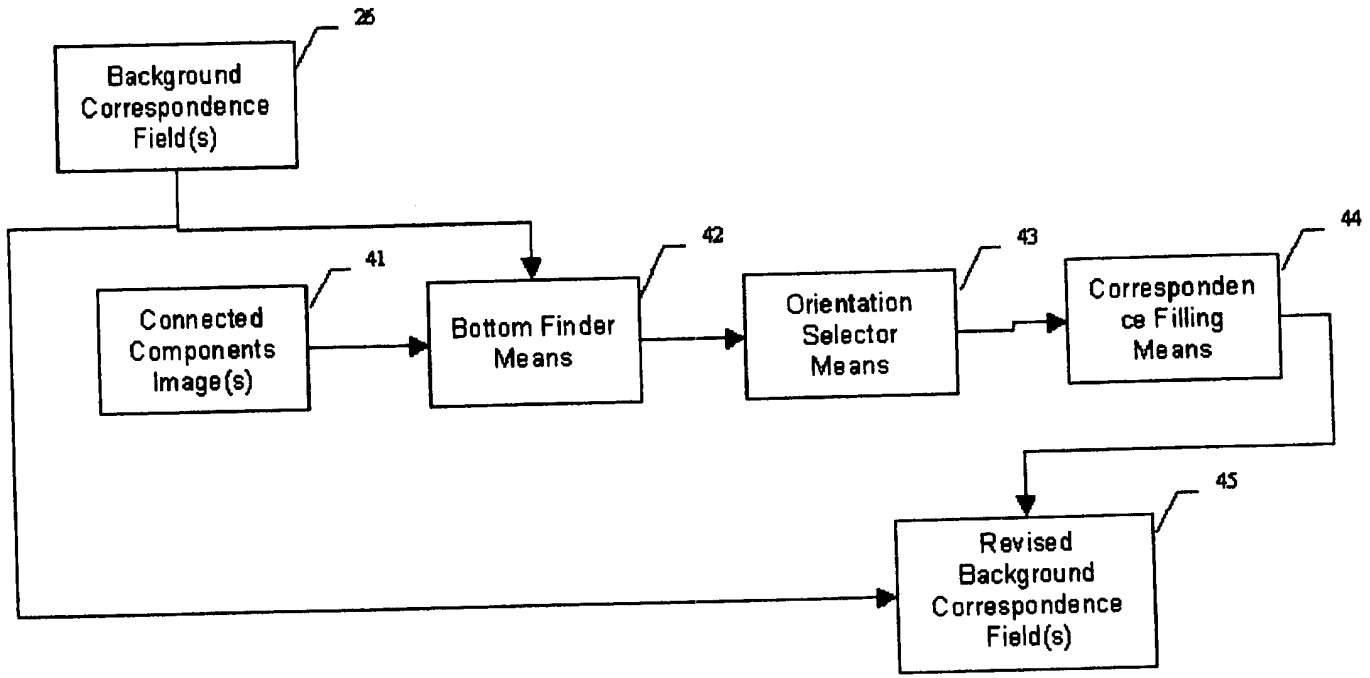

Figure 5 Body Field Generation

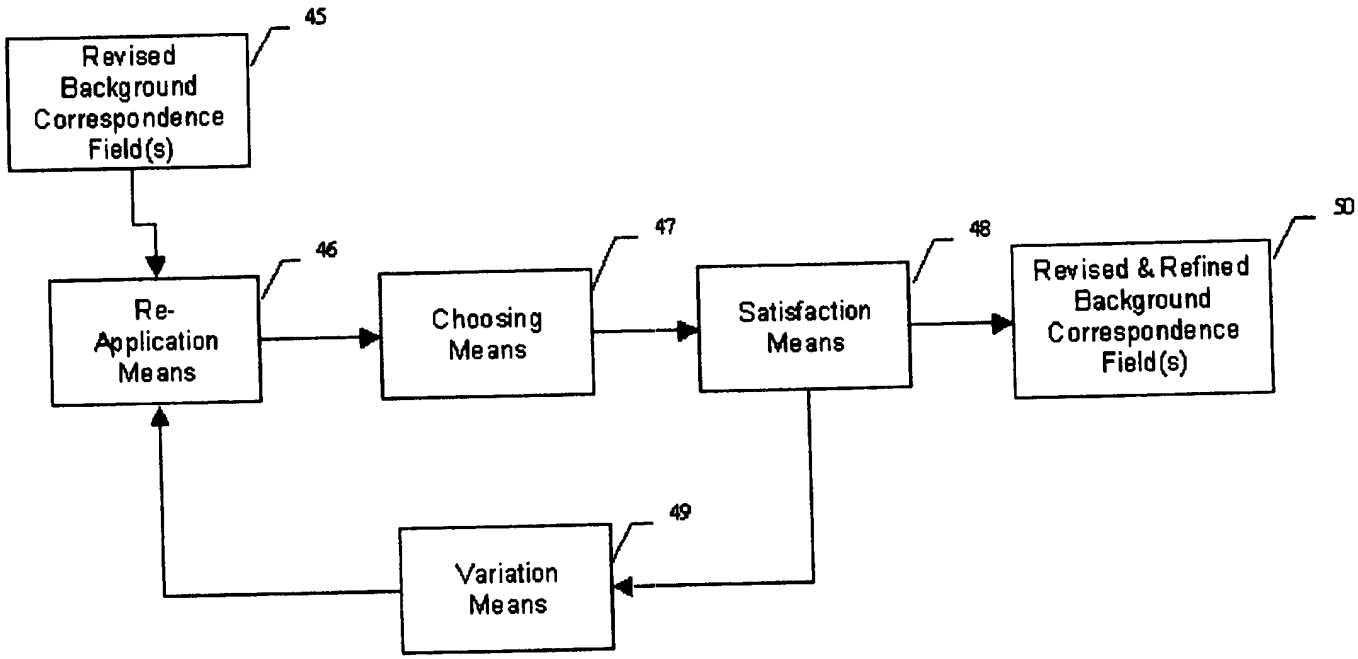

Figure 6 Refinement

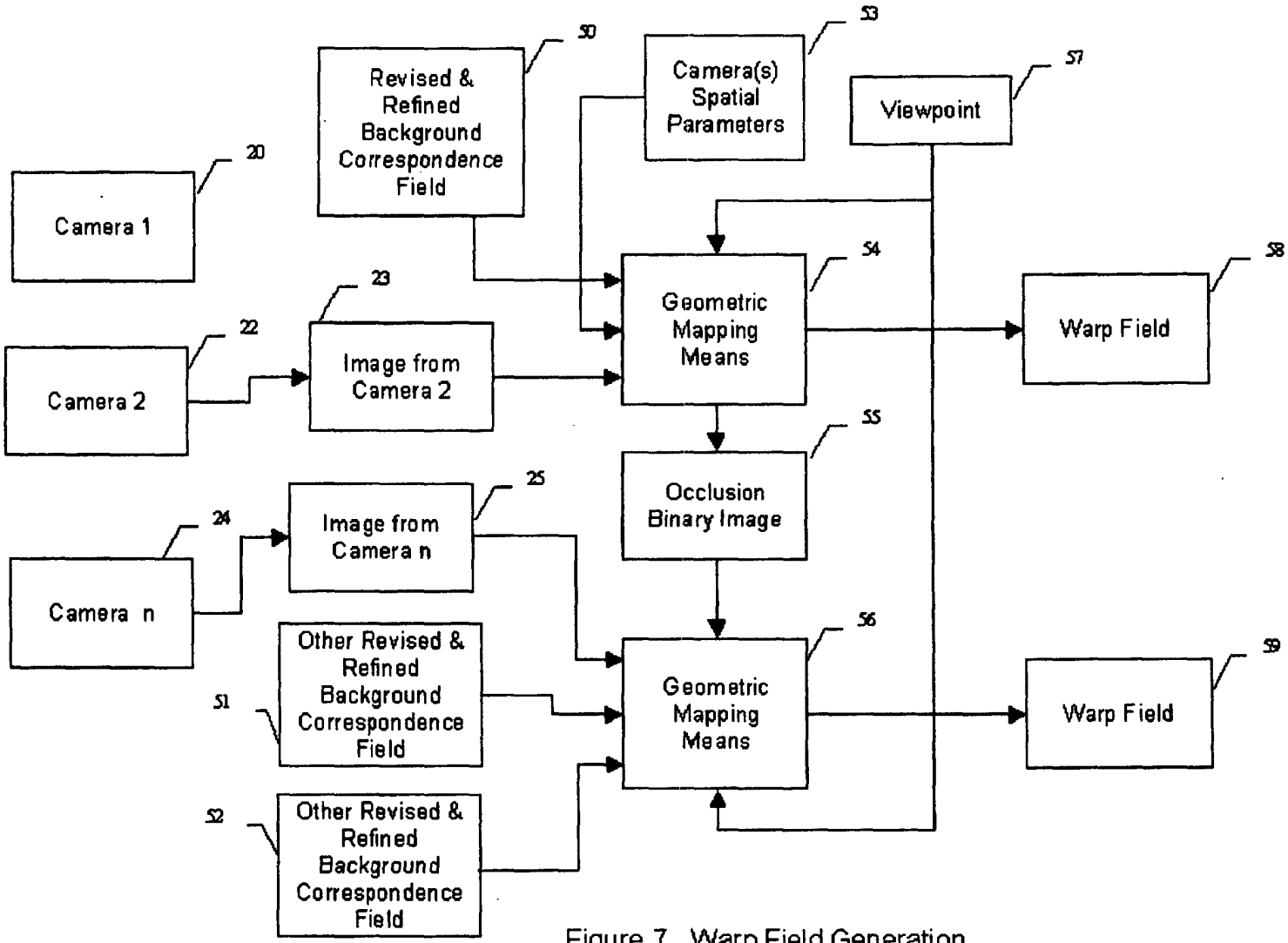

Figure 7 Warp Field Generation